



FCC EMC Test Report

Applicant: Autel Robotics Co., Ltd.
Address of Applicant: 18th Floor, Block C1, Nanshan iPark, No. 1001 Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong, 518055, China
Equipment Under Test (EUT)
Product Name: EVO II V3
Model No.: MDCV3
Trade Mark: 
FCC ID: 2AGNTMDC240958A
Applicable Standards: FCC CFR Title 47 Part 15B
Date of Sample Receipt: 24 Jun., 2022
Date of Test: 25 Jun., to 26 Jul., 2022
Date of report Issued: 26 Jul., 2022
Test Result: PASS

Tested by: Mike Ou **Date:** 26 Jul., 2022
Reviewed by: Wenwen Zhang **Date:** 26 Jul., 2022
Approved by: Wenwen Zhang **Date:** 26 Jul., 2022


This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

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2 Version

Version No.	Date	Description
00	26 Jul., 2022	Original

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4 General Information

4.1 Client Information

Applicant:	Autel Robotics Co., Ltd.
Address:	18th Floor, Block C1, Nanshan iPark, No. 1001 Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong, 518055, China
Manufacturer:	Autel Robotics Co., Ltd.
Address:	18th Floor, Block C1, Nanshan iPark, No. 1001 Xueyuan Avenue, Nanshan District, Shenzhen, Guangdong, 518055, China
Factory:	Autel Robotics Co., Ltd. Guangming Branch
Address:	No.701, Jixie Factory, Building 4, Yanxiang Technology Industrial Park, Gaoxin Road, Dongzhou Community, Guangming street, Guangming district, Shenzhen, Guangdong, China

4.2 General Description of E.U.T.

Product Name:	EVO II V3
Model No.:	MDCV3
Power Supply:	Rechargeable High Performance Li-po Battery DC11.55V/7100mAh
AC Adapter:	Model No.:XA3_1320 Input: AC100-240V, 50/60Hz 1.5A Output: DC 13.2V, 5.0A(Main) DC 5.0V, 3.0A; 9V, 2A; 12V, 1.5A
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

Product Mix. Description:

Product Name	Product Mix. Description	Model	Description
EVO II V3	EVO II Pro V3	MDCV3	Quadcopter equipped with an 1-inch CMOS sensor which can shoot up to 6K video.
	EVO II Pro RTK V3	MDCV3	Quadcopter equipped with a 6K camera and a RTK module which has centimeter-level positioning accuracy.
	EVO II Pro Enterprise V3	MDCV3	Quadcopter equipped with a 6K camera and compatible with four kinds of enterprise accessories (Spotlight, Loudspeaker, Strobe, RTK Module).
	EVO II DUAL 640T V3	MDCV3	Quadcopter equipped with a 4K camera and a thermal camera.
	EVO II DUAL 640T RTK V3	MDCV3	Quadcopter equipped with a 4K camera, a thermal camera and a RTK module which has centimeter-level positioning accuracy.
	EVO II DUAL 640T Enterprise V3	MDCV3	Quadcopter equipped with a 4K camera, a thermal camera and compatible with four kinds of enterprise accessories (Spotlight, Loudspeaker, Strobe, RTK Module).

Accessories		
Product Name	Model	Description
Spotlight	SL1	Lights up the way in night operations or low-light conditions.
Loudspeaker	LP1	Stores multiple voice recordings and plays clips on loop, and allows the command center to speak to ground teams during emergency situations for efficient operations.
Strobe	ST1	Indicates the location of the aircraft at night to comply with night-ops regulations.
RTK Module	RTK1	Supports NTRIP and is capable of centimeter-level positioning accuracy.

4.3 Test Mode

Operating Mode	Detail Description
Working mode	Keep the EUT in Working mode
Charging mode	Keep the EUT in Charging mode
PC mode	USB cable to PC(Data exchange) mode
Remark:	<ol style="list-style-type: none"> During the test, pre-scan all test mode, found Charging (for conducted emission), Working (for radiated emission) was worse case mode. During the test, pre-scan all Product Mix. and found 4K camera + RTK Module and 6K camera + RTK Module worst case. The report only reflects the worst mode.

The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

4.4 Description of Test Auxiliary Equipment

Manufacturer	Description	Model	S/N	FCC ID/DoC
Autel Robotics Co., Ltd	Autel Smart Controller SE	EF6	/	/

4.5 Description of Cable Used

N/A

4.6 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Conducted Emission for LISN (9kHz ~ 150kHz)	±3.11 dB
Conducted Emission for LISN (150kHz ~ 30MHz)	±2.62 dB
Radiated Emission (30MHz ~ 1GHz) (3m SAC)	±4.45 dB
Radiated Emission (1GHz ~ 18GHz) (3m SAC)	±5.34 dB
Radiated Emission (30MHz ~ 1GHz) (10m SAC)	±4.32 dB

Note: All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

4.7 Additions to, Deviations, or Exclusions from the Method

No

4.8 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

● **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

● **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

● **CNAS - Registration No.: CNAS L15527**

JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.

● **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

4.9 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

4.10 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	04-14-2021	04-13-2024
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	03-08-2022	03-07-2023
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	03-08-2022	03-07-2023
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	01-20-2022	01-19-2023
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	01-20-2022	01-19-2023
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	03-05-2022	03-04-2023
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	01-20-2022	01-19-2023
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-20-2022	01-19-2023
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-20-2022	01-19-2023
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Test Software	Tonscend	TS+	Version: 3.0.0.1		

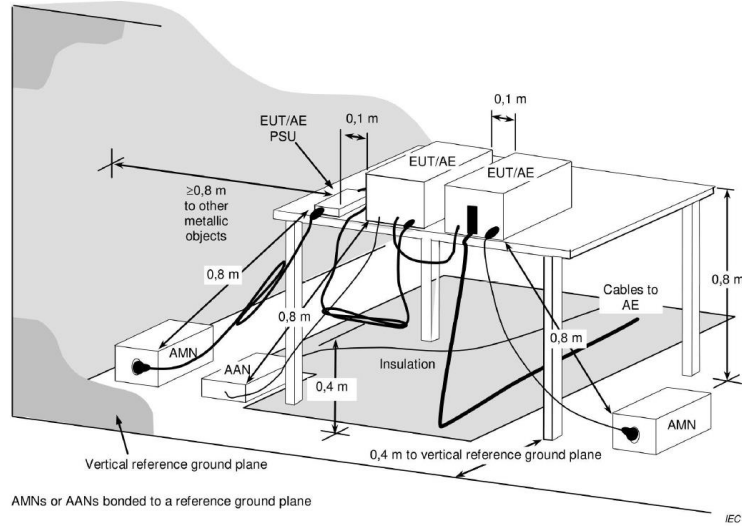
Radiated Emission(10m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
10m SAC	ETS	RFSD-100-F/A	WXJ090	04-28-2021	04-27-2024
BiConiLog Antenna	SCHWARZBECK	VULB 9168	WXJ090-1	04-01-2022	03-31-2023
BiConiLog Antenna	SCHWARZBECK	VULB 9168	WXJ090-2	03-31-2022	03-30-2023
EMI Test Receiver	R&S	ESR 3	WXJ090-3	03-30-2022	03-29-2023
EMI Test Receiver	R&S	ESR 3	WXJ090-4	03-30-2022	03-29-2023
Low Pre-amplifier	Bost	LNA 0920N	WXJ090-6	01-20-2022	01-19-2023
Low Pre-amplifier	Bost	LNA 0920N	WXJ090-7	01-20-2022	01-19-2023
Cable	Bost	JYT10M-1G-NN-10M	WXG002-7	01-20-2022	01-19-2023
Cable	Bost	JYT10M-1G-NN-10M	WXG002-8	01-20-2022	01-19-2023
Test Software	R&S	EMC32	Version: 10.50.40		

Conducted Emission:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESR3	WXJ003-2	10-21-2021	10-20-2022
LISN	Schwarzbeck	NSLK 8127	QCJ001-13	02-24-2022	02-23-2023
LISN	Rohde & Schwarz	ESH3-Z5	WXJ005-1	03-30-2022	03-29-2023
LISN Coaxial Cable (9kHz ~ 30MHz)	JYTSZ	JYTCE-1G-NN-2M	WXG003-1	02-24-2022	02-23-2023
RF Switch	TOP PRECISION	RSU0301	WXG003	N/A	
Test Software	AUDIX	E3	Version: 6.110919b		

5 Measurement Setup and Procedure

5.1 Test Setup

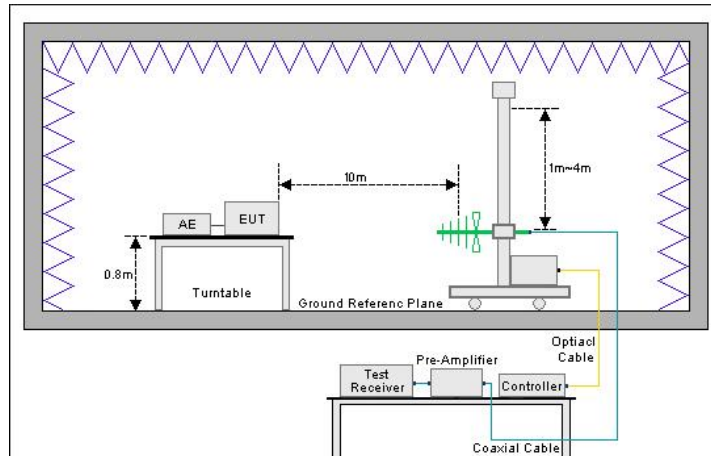
1) Conducted emission measurement:



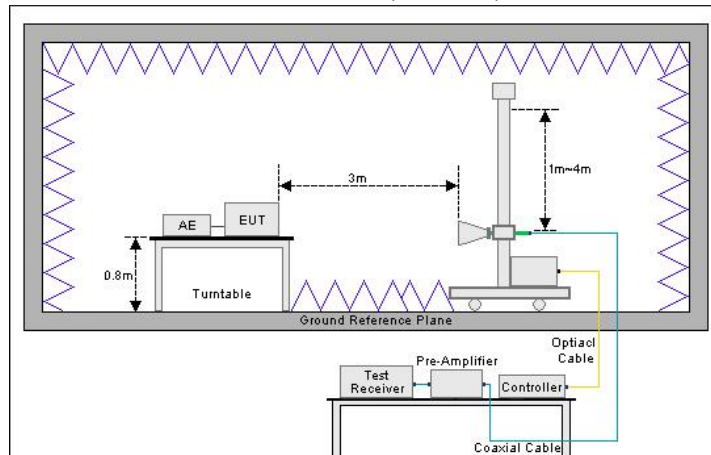
Note: The 0.8 m distance specified between EUT/AE/PSU and AMN/AAN, is applicable only to the EUT being measured. If the device is AE then it shall be >0.8 m.

2) Radiated emission measurement:

Below 1GHz (10m SAC)



Above 1GHz (3m SAC)



5.2 Test Procedure

Test method	Test step
Conducted emission	<ol style="list-style-type: none"> 1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4 on conducted measurement.
Radiated emission	<p>For below 1GHz:</p> <ol style="list-style-type: none"> 1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 10 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 10 m. 2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. <p>For above 1GHz:</p> <ol style="list-style-type: none"> 1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.

6 Test Results

6.1 Summary

6.1.1 Clause and data summary

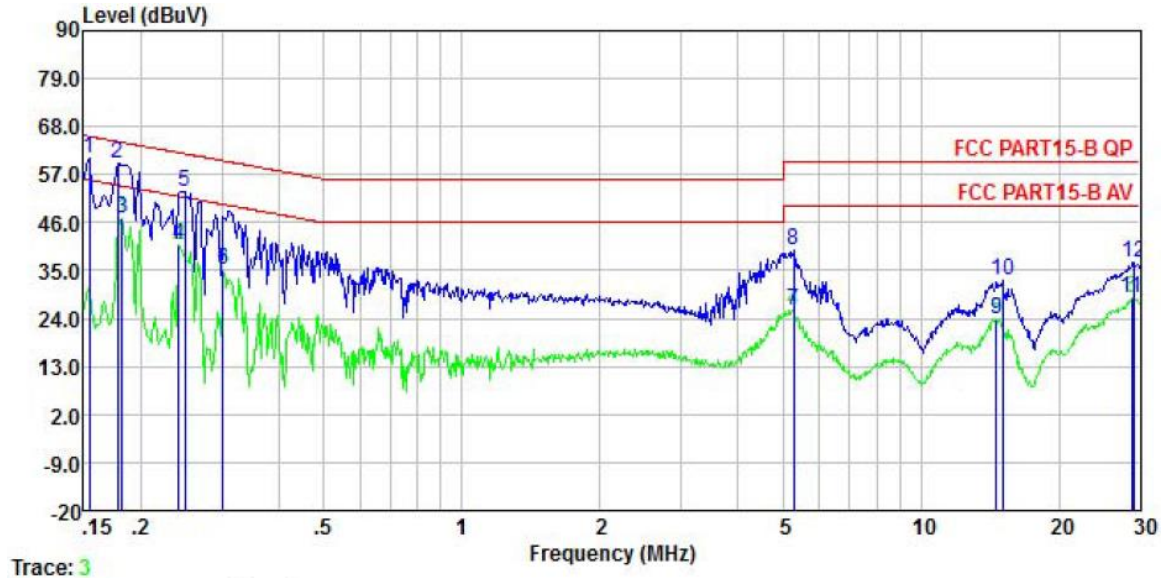
Test items	Standard clause	Test data	Result
Conducted Emission	Part 15.107	See Section 6.2	Pass
Radiated Emission	Part 15.109	See Section 6.3	Pass
Remark:			
1. The EUT is a Class B digital device.			
2. Pass: The EUT complies with the essential requirements in the standard.			
Test Method:	ANSI C63.4:2014		

6.1.2 Test Limit

Test items	Limit				
Conducted Emission	Frequency (MHz)	Class A Limit (dB μ V)		Class B Limit (dB μ V)	
		Quasi-Peak	Average	Quasi-Peak	Average
	0.15 – 0.5	79	66	66 to 56 ^{Note 1}	56 to 46 ^{Note 1}
	0.5 – 5	73	60	56	46
	5 – 30	73	60	60	50
Note 1: The limit level in dB μ V decreases linearly with the logarithm of frequency. Note 2: The more stringent limit applies at transition frequencies.					
Radiated Emission	Frequency (MHz)	Class A Limit (dB μ V/m)		Class B Limit (dB μ V/m)	
		Quasi-Peak @ 3m	Quasi-Peak @ 10m	Quasi-Peak @ 3m	Quasi-Peak @ 10m
	30 – 88	49.0	39.0	40.0	30.0
	88 – 216	53.5	43.5	43.5	33.5
	216 – 960	56.0	46.0	46.0	36.0
	960 – 1000	60.0	50.0	54.0	44.0
	Note: The more stringent limit applies at transition frequencies.				
	Frequency	Class A Limit (dB μ V/m) @ 3m		Class B Limit (dB μ V/m) @ 3m	
		Average	Peake	Average	Peake
	Above 1 GHz	60.0	80.0	54.0	74.0
Note: The measurement bandwidth shall be 1 MHz or greater.					

6.2 Conducted Emission

Product name:	EVO II V3	Product model:	MDCV3
Test by:	Mike	Test mode:	Charging mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz		



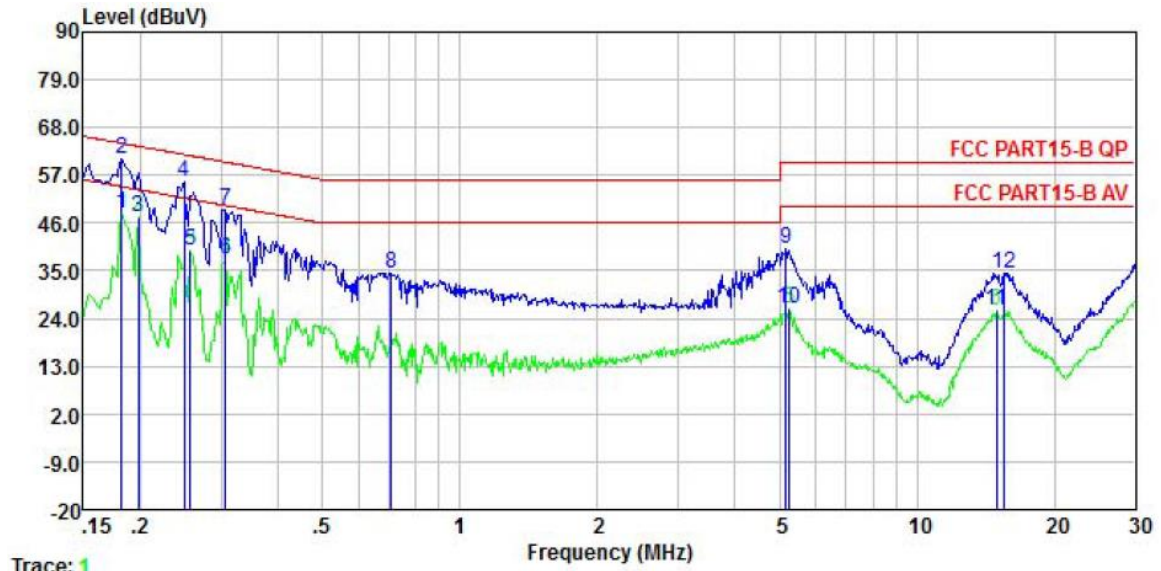
Trace: 3

	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.154	60.54	0.04	0.01	60.59	65.78	-5.19	QP
2	0.178	59.62	0.05	0.01	59.68	64.59	-4.91	QP
3	0.182	46.78	0.05	0.01	46.84	54.42	-7.58	Average
4	0.242	40.74	0.05	0.01	40.80	52.04	-11.24	Average
5	0.249	53.04	0.06	0.01	53.11	61.78	-8.67	QP
6	0.302	35.28	0.06	0.03	35.37	50.19	-14.82	Average
7	5.277	25.74	0.13	0.09	25.96	50.00	-24.04	Average
8	5.277	39.46	0.13	0.09	39.68	60.00	-20.32	QP
9	14.594	23.61	0.28	0.13	24.02	50.00	-25.98	Average
10	15.066	32.27	0.29	0.14	32.70	60.00	-27.30	QP
11	28.755	28.01	0.40	0.20	28.61	50.00	-21.39	Average
12	29.216	36.08	0.41	0.21	36.70	60.00	-23.30	QP

Remark:

1. Level = Read level + LISN Factor + Cable Loss.

Product name:	EVO II V3	Product model:	MDCV3
Test by:	Mike	Test mode:	Charging mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz		



	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.182	48.15	0.05	0.01	48.21	54.42	-6.21	Average
2	0.182	60.54	0.05	0.01	60.60	64.42	-3.82	QP
3	0.198	47.29	0.05	0.04	47.38	53.71	-6.33	Average
4	0.249	55.34	0.05	0.01	55.40	61.78	-6.38	QP
5	0.258	39.59	0.05	0.01	39.65	51.51	-11.86	Average
6	0.307	37.70	0.05	0.03	37.78	50.06	-12.28	Average
7	0.307	49.12	0.05	0.03	49.20	60.06	-10.86	QP
8	0.708	34.44	0.06	0.03	34.53	56.00	-21.47	QP
9	5.166	39.75	0.11	0.09	39.95	60.00	-20.05	QP
10	5.249	26.00	0.12	0.09	26.21	50.00	-23.79	Average
11	14.907	25.26	0.27	0.14	25.67	50.00	-24.33	Average
12	15.470	33.87	0.28	0.15	34.30	60.00	-25.70	QP

Remark:

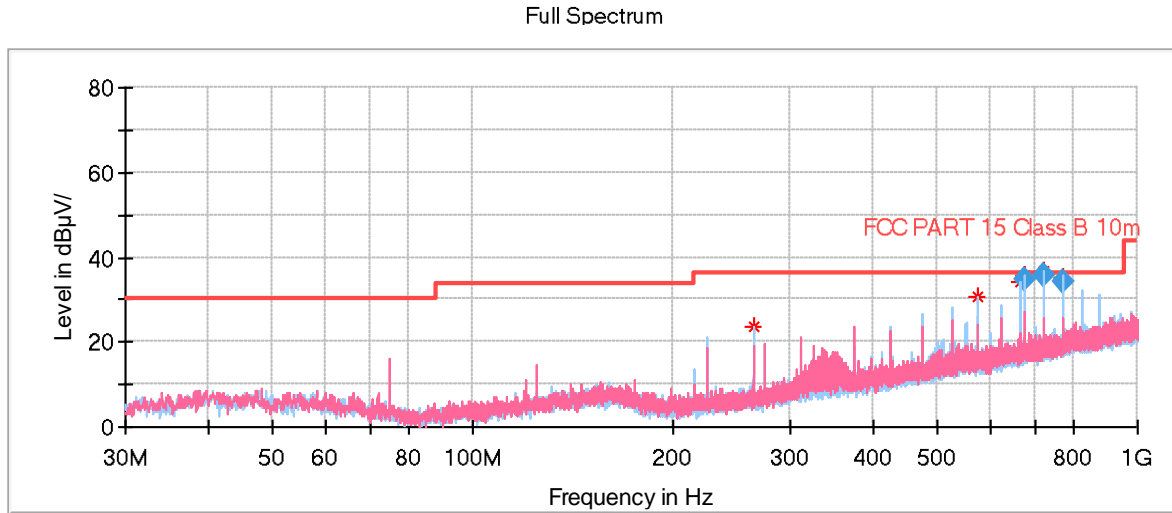
1. Level = Read level + LISN Factor + Cable Loss.

6.3 Radiated Emission

4K camera + RTK Module:

Below 1GHz:

Product Name:	EVO II V3	Product Model:	MDCV3
Test By:	Mike	Test mode:	Working mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical & Horizontal
Test Voltage:	DC 11.55V		



- * Critical_Freqs PK+
- ◆ Final_Result QPK
- Preview Result 1V-PK+
- FCC PART 15 Class B 10m
- Preview Result 1H-PK+

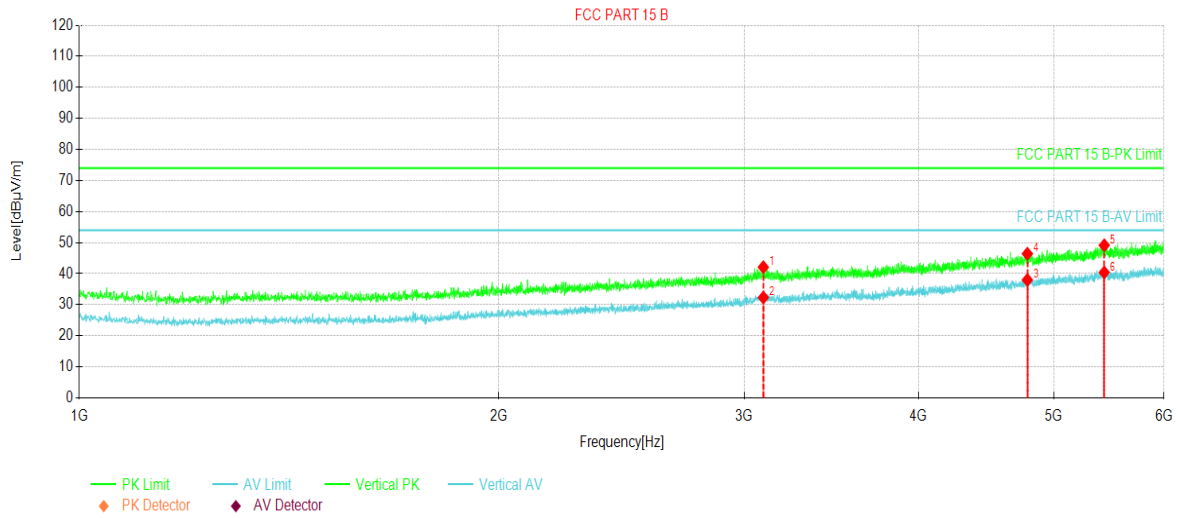
Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
263.964000	23.52	36.00	12.48	100.0	H	271.0	---
575.043000	30.47	36.00	5.53	100.0	H	254.0	---
664.622500	33.99	36.00	2.01	100.0	H	248.0	---
675.001500	35.69	36.00	0.31	100.0	H	254.0	---
725.005000	36.94	36.00	-0.94	100.0	H	75.0	---
775.057000	35.19	36.00	0.81	100.0	H	259.0	---
Frequency (MHz)	QuasiPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)
675.001500	34.84	36.00	1.16	1000.0	105.0	H	252.0
725.013500	34.71	36.00	1.29	1000.0	117.0	H	77.0
775.008500	34.17	36.00	1.83	1000.0	125.0	H	255.0

Remark:

1. Level = Read level + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Above 1GHz:

Product Name:	EVO II V3	Product Model:	MDCV3
Test By:	Mike	Test mode:	Working mode
Test Frequency:	1000 MHz ~ 6000 MHz	Polarization:	Vertical
Test Voltage:	DC 11.55V		

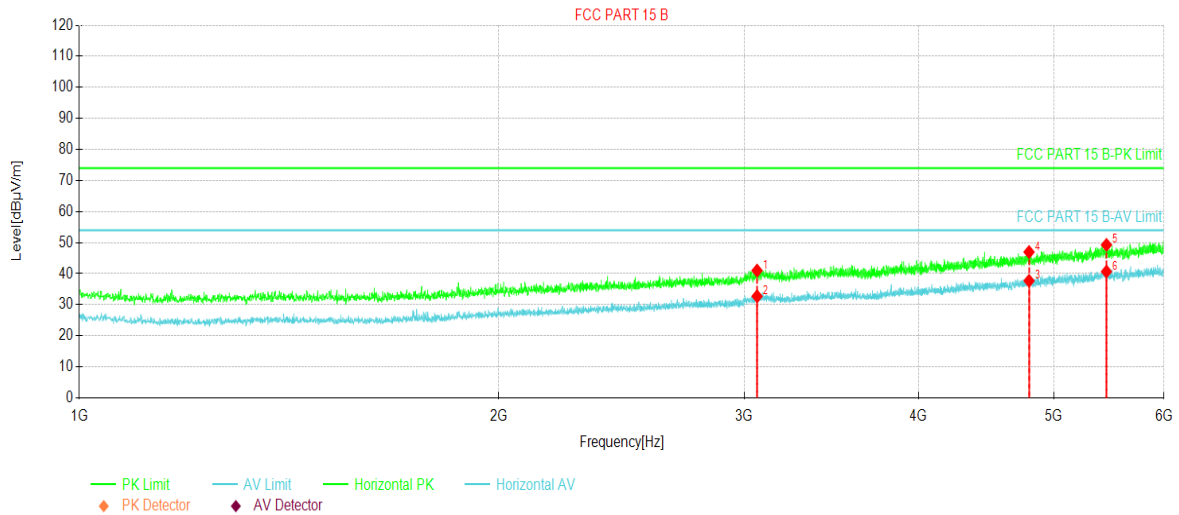


Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	3095.62	57.88	42.09	-15.79	74.00	31.91	PK	Vertical
2	3095.62	48.11	32.32	-15.79	54.00	21.68	AV	Vertical
3	4787.50	46.73	37.97	-8.76	54.00	16.03	AV	Vertical
4	4787.50	55.17	46.41	-8.76	74.00	27.59	PK	Vertical
5	5436.25	55.16	49.14	-6.02	74.00	24.86	PK	Vertical
6	5436.25	46.42	40.40	-6.02	54.00	13.60	AV	Vertical

Remark:

1. Level = Read level + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	EVO II V3	Product Model:	MDCV3
Test By:	Mike	Test mode:	Working mode
Test Frequency:	1000 MHz ~ 6000 MHz	Polarization:	Horizontal
Test Voltage:	DC 11.55V		



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	3063.75	57.09	41.00	-16.09	74.00	33.00	PK	Horizontal
2	3063.75	48.81	32.72	-16.09	54.00	21.28	AV	Horizontal
3	4801.25	46.41	37.71	-8.70	54.00	16.29	AV	Horizontal
4	4801.25	55.67	46.97	-8.70	74.00	27.03	PK	Horizontal
5	5456.25	55.33	49.26	-6.07	74.00	24.74	PK	Horizontal
6	5456.25	46.74	40.67	-6.07	54.00	13.33	AV	Horizontal

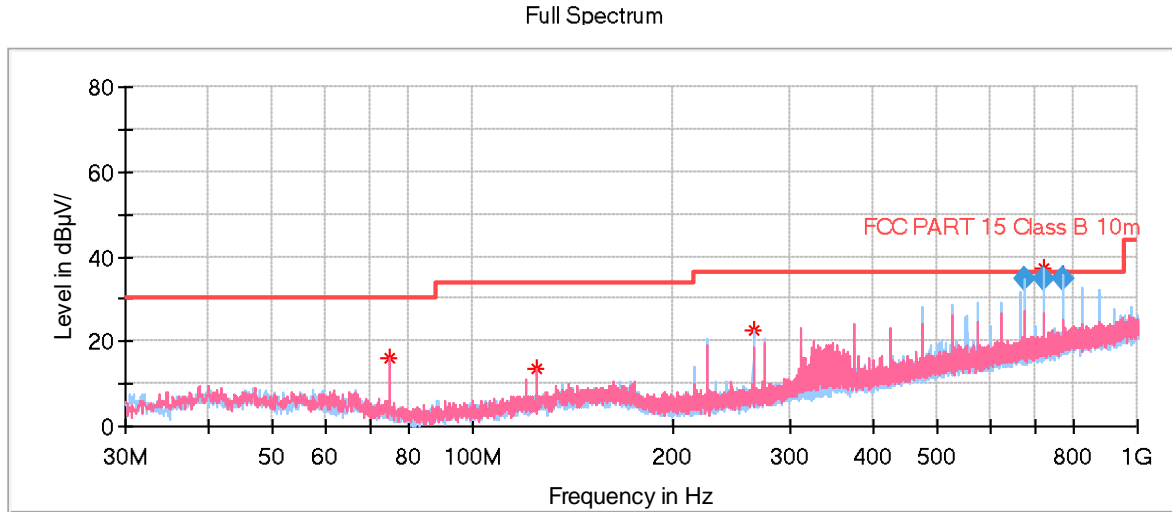
Remark:

1. Level = Read level + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

6K camera + RTK Module:

Below 1GHz:

Product Name:	EVO II V3	Product Model:	MDCV3
Test By:	Mike	Test mode:	Working mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical & Horizontal
Test Voltage:	DC 11.55V		



- * Critical_Freqs PK+
- ◆ Final_Result QPK
- Preview Result 1V-PK+
- FCC PART 15 Class B 10m
- Preview Result 1H-PK+

Critical_Freqs

Frequency (MHz)	MaxPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Height (cm)	Pol.	Azimuth (deg)	Corr. (dB/m)
74.959500	15.97	30.00	14.03	100.0	V	226.0	-19.0
124.963000	13.50	33.50	20.00	100.0	V	230.0	-17.2
263.964000	22.88	36.00	13.12	100.0	H	67.0	-16.4
675.001500	34.63	36.00	1.37	100.0	H	263.0	-5.9
725.005000	37.41	36.00	-1.41	100.0	H	259.0	-4.9
775.008500	35.60	36.00	0.40	100.0	H	259.0	-3.6

Final_Result

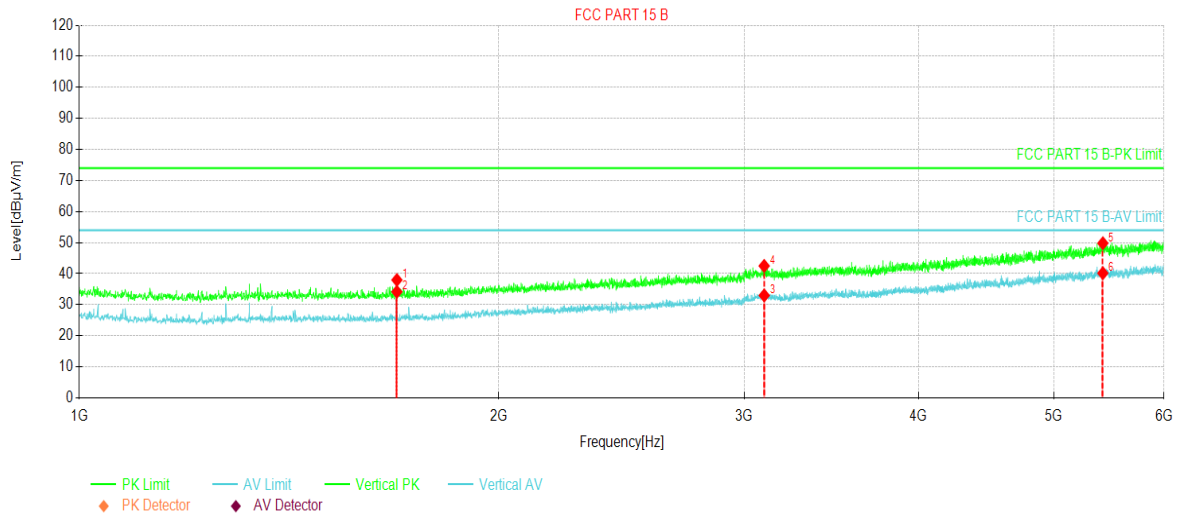
Frequency (MHz)	QuasiPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Height (cm)	Pol.	Azimuth (deg)	Corr. (dB/m)
675.101500	34.53	36.00	1.47	100.0	H	263.0	-5.9
725.205000	34.93	36.00	1.07	100.0	H	259.0	-4.9
774.908500	34.60	36.00	1.40	100.0	H	259.0	-3.6

Remark:

1. Level = Read level + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Above 1GHz:

Product Name:	EVO II V3	Product Model:	MDCV3
Test By:	Mike	Test mode:	Working mode
Test Frequency:	1000 MHz ~ 6000 MHz	Polarization:	Vertical
Test Voltage:	DC 11.55V		

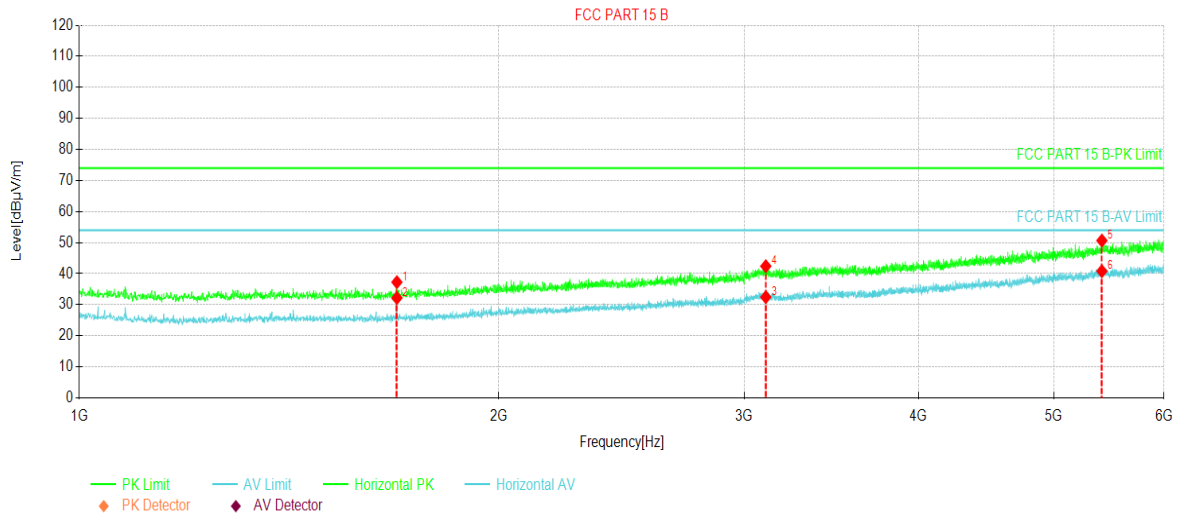


Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	1690.00	60.16	37.97	-22.19	74.00	36.03	PK	Vertical
2	1690.00	56.35	34.16	-22.19	54.00	19.84	AV	Vertical
3	3100.00	48.74	32.99	-15.75	54.00	21.01	AV	Vertical
4	3100.00	58.25	42.50	-15.75	74.00	31.50	PK	Vertical
5	5423.75	55.80	49.81	-5.99	74.00	24.19	PK	Vertical
6	5423.75	46.15	40.16	-5.99	54.00	13.84	AV	Vertical

Remark:

1. Level = Read level + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	EVO II V3	Product Model:	MDCV3
Test By:	Mike	Test mode:	Working mode
Test Frequency:	1000 MHz ~ 6000 MHz	Polarization:	Horizontal
Test Voltage:	DC 11.55V		



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Polarity
1	1690.00	59.45	37.26	-22.19	74.00	36.74	PK	Horizontal
2	1690.00	54.38	32.19	-22.19	54.00	21.81	AV	Horizontal
3	3108.12	48.20	32.45	-15.75	54.00	21.55	AV	Horizontal
4	3108.12	58.17	42.42	-15.75	74.00	31.58	PK	Horizontal
5	5415.00	56.64	50.67	-5.97	74.00	23.33	PK	Horizontal
6	5415.00	46.77	40.80	-5.97	54.00	13.20	AV	Horizontal

Remark:

1. Level = Read level + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

-----End of report-----